

**AMENDMENTS TO THE CLAIMS:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**LISTING OF CLAIMS:**

1. (Currently Amended) A regime or regimen as defined by Claim 27, wherein said (i) at least one hydrolase polypeptide having amidase activity, ~~or precursor thereof,~~ selected from the group consisting of aspartylglucosaminidase (AGA), glutaminase, amidase, urease, aminoacylase, aspartoacylase, ceramidase, peptidyl-glutaminase, formamidase and pentanamidase, and said (ii) at least one activator of said at least one hydrolase polypeptide (i), are formulated into (iii) a topically applicable, physiologically acceptable medium therefor to form a topically applicable cosmetic/dermatological composition which is applied to said skin.

2-8. (Cancelled)

9. (Previously Presented) The regime or regimen as defined by Claim 1, wherein said at least one hydrolase polypeptide having amidase activity comprises from  $10^{-6}$  to 5% by weight of the composition.

10. (Previously Presented) The regime or regimen as defined by Claim 1, wherein said at least one hydrolase polypeptide having amidase activity comprises from  $10^{-4}$  to 1% by weight of the composition.

11. (Previously Presented) The regime or regimen as defined by Claim 1, wherein said at least one hydrolase polypeptide having amidase activity comprises from 0.001% to 0.1% by weight of the composition.

12. (Cancelled)

13. (Previously Presented) The regime or regimen as defined by Claim 1, wherein said activator comprises from 0.01% to 50% by weight of the composition.

14. (Previously Presented) The regime or regimen as defined by Claim 13, wherein said activator comprises from 0.1% to 1% by weight of the composition.

15. (Cancelled)

16. (Previously Presented) The regime or regimen as defined by Claim 1, wherein said composition further comprises at least one other desquamating agent.

17. (Previously Presented) The regime or regimen as defined by Claim 16, wherein said composition further comprises at least one  $\beta$ -hydroxy acid;  $\alpha$ -hydroxy acid;  $\alpha$ - or  $\beta$ -keto acid; urea; gentisic acid; oligofucoses; cinnamic acid; Saphora japonica extract; resveratrol or derivative thereof; glycosidase, *stratum corneum* chymotryptic enzyme (SCCE) or other serine or cysteine protease; chelating agent; aminosulphonic compound; sugar derivative; reducing agent and/or retinoid.

18.–20. (Cancelled)

21. (Currently Amended) The regime or regimen as defined by Claim 1, wherein said composition further comprises at least one moisturizing agent; propigmenting agent; agent stimulating the synthesis of dermal or epidermal macromolecules and/or preventing the degradation thereof; agent stimulating the proliferation or differentiation of keratinocytes; relaxing agent; antipollution and/or anti-free radical agent; UV-screening agent; permeating agent; or cicatrizing agent; ~~or mixture thereof.~~

22.-23. (Cancelled)

24. (Currently Amended) A regime or regimen as defined by Claim 27 for promoting desquamation of the skin and/or for promoting hydration of the skin ~~and/or for promoting cell renewal in the skin and/or for promoting cell proliferation in the skin and/or for promoting cell differentiation in the skin~~ and for thus treating hyperkeratosis, xerosis, ichthyosis, psoriasis or reactive keratosis, comprising topically applying onto the skin of an individual in need of such treatment, thus effective amounts of (i) at least one hydrolase polypeptide having amidase activity[[.]] ~~or precursor thereof~~ selected from the group consisting of aspartylglucosaminidase (AGA), glutaminase, amidase, urease, aminoacylase, aspartoacylase, ceramidase, peptidyl-glutaminase, formamidase and pentanamidase, and (ii) at least one activator of said at least one hydrolase polypeptide (i).

25. (Currently Amended) A regime or regimen as defined by Claim 27 for promoting desquamation of the skin and/or for promoting hydration of the skin ~~and/or~~

~~for promoting cell renewal in the skin and/or for promoting cell proliferation in the skin and/or for promoting cell differentiation in the skin~~ and for thus promoting cicatrization, comprising topically applying onto the skin of an individual in need of such treatment, thus effective amounts of (i) at least one hydrolase polypeptide having amidase activity, ~~or precursor thereof~~ selected from the group consisting of aspartylglucosaminidase (AGA), glutaminase, amidase, urease, aminoacylase, aspartolacylase, ceramidase, peptidyl-glutaminase, formamidase and pentanamidase, and (ii) at least one activator of said at least one hydrolase polypeptide (i).

26. (Cancelled)

27. (Currently Amended) A regime or regimen for promoting desquamation of the skin and/or for promoting hydration of the skin ~~and/or for promoting cell renewal in the skin and/or for promoting cell proliferation in the skin and/or for promoting cell differentiation in the skin~~ of an individual in need of such treatment, comprising topically applying thereon thus effective amounts of (i) at least one hydrolase polypeptide having amidase activity, ~~or precursor thereof~~ selected from the group consisting of aspartylglucosaminidase (AGA), glutaminase, amidase, urease, aminoacylase, aspartolacylase, ceramidase, peptidyl-glutaminase, formamidase and pentanamidase, and (ii) at least one activator of said at least one hydrolase polypeptide (i).

28. (Currently Amended) A regime or regimen as defined by Claim 27 for promoting desquamation of the skin and/or for promoting hydration of the skin ~~and/or~~

~~for promoting cell renewal in the skin and/or for promoting cell proliferation in the skin and/or for promoting cell differentiation in the skin~~ and for thus facilitating the penetration into the skin of a cosmetic/dermatological active agent, comprising topically applying onto the skin of an individual in need of such treatment thus effective amounts of (i) at least one hydrolase polypeptide having amidase activity[[,]] ~~or precursor thereof~~ selected from the group consisting of aspartylglucosaminidase (AGA), glutaminase, amidase, urease, aminoacylase, aspartoacylase, ceramidase, peptidyl-glutaminase, formamidase and pentanamidase, and (ii) at least one activator of said at least one hydrolase polypeptide (i).

29. (Currently Amended) A regime or regimen as defined by Claim 27 for promoting desquamation of the skin and/or for promoting hydration of the skin ~~and/or for promoting cell renewal in the skin and/or for promoting cell proliferation in the skin and/or for promoting cell differentiation in the skin~~ and for thus combating bacterial adhesion to the skin, comprising topically applying onto the skin of an individual in need of such treatment, thus effective amounts of (i) at least one hydrolase polypeptide having amidase activity, ~~or precursor thereof~~ selected from the group consisting of aspartylglucosaminidase (AGA), glutaminase, amidase, urease, aminoacylase, aspartoacylase, ceramidase, peptidyl-glutaminase, formamidase and pentanamidase, and (ii) at least one activator of said at least one hydrolase polypeptide (i).

30.-32. (Cancelled)

33. (Currently Amended) A regime or regimen as defined by Claim 27, wherein said at least one hydrolase polypeptide having amidase activity is ~~at least one compound selected from the group consisting of asparaginase, glutaminase, amidase, urease, aminoacylase, aspartoacylase, ceramidase, peptidyl-glutaminase, formamidase, pentanamidase and aspartylglucosaminidase~~ AGA (AGA).

34. (Cancelled)

35. (Currently Amended) A regime or regimen as defined by Claim 1, wherein said at least one hydrolase polypeptide having amidase activity is ~~at least one compound selected from the group consisting of asparaginase, glutaminase, amidase, urease, aminoacylase, aspartoacylase, ceramidase, peptidyl-glutaminase, formamidase, pentanamidase and aspartylglucosaminidase~~ AGA (AGA).

36. (Currently Amended) A regime or regimen as defined by Claim 16, wherein said at least one hydrolase polypeptide having amidase activity is ~~at least one compound selected from the group consisting of asparaginase, glutaminase, amidase, urease, aminoacylase, aspartoacylase, ceramidase, peptidyl-glutaminase, formamidase, pentanamidase and aspartylglucosaminidase~~ AGA (AGA).

37. (Currently Amended) A regime or regimen as defined by Claim 17, wherein said at least one hydrolase polypeptide having amidase activity is ~~at least one compound selected from the group consisting of asparaginase, glutaminase, amidase, urease, aminoacylase, aspartoacylase, ceramidase, peptidyl-glutaminase, formamidase, pentanamidase and aspartylglucosaminidase~~ AGA (AGA).

38. (Currently Amended) A regime or regimen as defined by Claim 21, wherein said at least one hydrolase polypeptide having amidase activity is ~~at least one compound selected from the group consisting of asparaginase, glutaminase, amidase, urease, aminoacylase, aspartoacylase, ceramidase, peptidyl glutaminase, formamidase, pentanamidase and aspartylglucosaminidase~~ AGA (AGA).

39. (Currently Amended) A regime or regimen as defined by Claim 24, wherein said at least one hydrolase polypeptide having amidase activity is ~~at least one compound selected from the group consisting of asparaginase, glutaminase, amidase, urease, aminoacylase, aspartoacylase, ceramidase, peptidyl glutaminase, formamidase, pentanamidase and aspartylglucosaminidase~~ AGA (AGA).

40. (Currently Amended) A regime or regimen as defined by Claim 25, wherein said at least one hydrolase polypeptide having amidase activity is ~~at least one compound selected from the group consisting of asparaginase, glutaminase, amidase, urease, aminoacylase, aspartoacylase, ceramidase, peptidyl glutaminase, formamidase, pentanamidase and aspartylglucosaminidase~~ AGA (AGA).

41. (Currently Amended) A regime or regimen as defined by Claim 28, wherein said at least one hydrolase polypeptide having amidase activity is ~~at least one compound selected from the group consisting of asparaginase, glutaminase, amidase, urease, aminoacylase, aspartoacylase, ceramidase, peptidyl glutaminase, formamidase, pentanamidase and aspartylglucosaminidase~~ AGA (AGA).

42. (Currently Amended) A regime or regimen as defined by Claim 29, wherein said at least one hydrolase polypeptide having amidase activity is ~~at least one compound selected from the group consisting of asparaginase, glutaminase, amidase, urease, aminoacylase, aspartoacylase, ceramidase, peptidyl glutaminase, formamidase, pentanamidase and aspartylglucosaminidase~~ AGA (AGA).

43. (New) The regime or regimen as defined by Claim 27, wherein said at least one activator is sodium dodecyl sulfate or sodium lauryl ether sulfate.

44. (New) The regime or regimen as defined by Claim 1, wherein said at least one activator is sodium dodecyl sulfate or sodium lauryl ether sulfate.

45. (New) The regime or regimen as defined by Claim 16, wherein said at least one activator is sodium dodecyl sulfate or sodium lauryl ether sulfate.

46. (New) The regime or regimen as defined by Claim 17, wherein said at least one activator is sodium dodecyl sulfate or sodium lauryl ether sulfate.

47. (New) The regime or regimen as defined by Claim 21, wherein said at least one activator is sodium dodecyl sulfate or sodium lauryl ether sulfate.

48. (New) The regime or regimen as defined by Claim 24, wherein said at least one activator is sodium dodecyl sulfate or sodium lauryl ether sulfate.



49. (New) The regime or regimen as defined by Claim 25, wherein said at least one activator is sodium dodecyl sulfate or sodium lauryl ether sulfate.

50. (New) The regime or regimen as defined by Claim 28, wherein said at least one activator is sodium dodecyl sulfate or sodium lauryl ether sulfate.

51. (New) The regime or regimen as defined by Claim 29, wherein said at least one activator is sodium dodecyl sulfate or sodium lauryl ether sulfate.

52. (New) The regime or regimen as defined by Claim 33, wherein said at least one activator is sodium dodecyl sulfate or sodium lauryl ether sulfate.

53. (New) The regime or regimen as defined by Claim 35, wherein said at least one activator is sodium dodecyl sulfate or sodium lauryl ether sulfate.

54. (New) The regime or regimen as defined by Claim 36, wherein said at least one activator is sodium dodecyl sulfate or sodium lauryl ether sulfate.

55. (New) The regime or regimen as defined by Claim 37, wherein said at least one activator is sodium dodecyl sulfate or sodium lauryl ether sulfate.

56. (New) The regime or regimen as defined by Claim 38, wherein said at least one activator is sodium dodecyl sulfate or sodium lauryl ether sulfate.

57. (New) The regime or regimen as defined by Claim 39, wherein said at least one activator is sodium dodecyl sulfate or sodium lauryl ether sulfate.

58. (New) The regime or regimen as defined by Claim 40, wherein said at least one activator is sodium dodecyl sulfate or sodium lauryl ether sulfate.

59. (New) The regime or regimen as defined by Claim 41, wherein said at least one activator is sodium dodecyl sulfate or sodium lauryl ether sulfate.

60. (New) The regime or regimen as defined by Claim 42, wherein said at least one activator is sodium dodecyl sulfate or sodium lauryl ether sulfate.